

Marked-Up Version of Amended Claims:

1 1. (Currently Amended) A method of selectively making information available to groups
2 of parties amongst a plurality of parties, said method comprising the steps of:

- 3 a) generating ~~a~~ at least one public key, each having a recognizable name portion;
4 b) publishing said public key;
5 c) generating ~~a secure key~~ at least one random suffix serving as a secure key;
6 d) combining said secure key with said public key by concatenating ones of said
7 random suffixes with ones of said public keys; and;
8 e) distributing a key corresponding to said secure key to members of a selected
9 group.

1 2. (Canceled) A method as in claim 1, wherein the public key is a recognizable name
2 portion and the step (a) of generating a public key comprises generating a plurality of public
3 keys.

1 3. (Currently Amended) A method as in claim 2 ~~1~~, wherein in step (d) said secure key is
2 combined with each of said plurality of public keys.

1 4. (Canceled) A method as in claim 3, wherein in step (d) said secure key is combined
2 with ones of said plurality of public keys.

1 5. (Canceled) A method as in claim 2, wherein the step (c) of generating a secure key
2 comprises generating a plurality of random suffixes, ones of said random suffixes being
3 combined with ones of said plurality of public keys.

1 6. (Canceled) A method as in claim 5, wherein in the combining step (d), said random
2 suffixes are concatenated with ones of said plurality of public keys.

1 7. (Currently Amended) A method as in claim 5 1, wherein in the distribution step (e),
2 each of said random suffixes is sent as its corresponding key to members of at least one or
3 ~~more~~ selected ~~groups~~ group, at least one selected group not receiving at least one or more
4 distributed ~~keys~~ key.

1 8. (Currently Amended) A method as in claim 7, wherein group members use said
2 received ~~said~~ random suffixes to access secure information.

1 9. (Original) A method as in claim 8, wherein the secure information is contained on a
2 web page, each web page containing secure information being identified by one of said
3 random suffixes.

1 10. (Currently Amended) A method as in claim 5 1, wherein the ~~secure~~ random suffixes
2 are ~~encrypted~~ encryption keys and the corresponding keys are decryption keys.

1 11. (Currently Amended) A method as in claim 10, ~~wherein the combining step (d)~~
2 ~~comprises the steps of:~~
3 ~~—— i) —— creating a plurality of building blocks;~~
4 ~~—— ii) —— encrypting each of said plurality of building blocks with selected encryption~~
5 ~~keys; and~~
6 ~~—— iii) ——~~ further comprising creating at least one ~~or more~~ secure web ~~pages~~ page, each
7 ~~secure web page including one or more encrypted building blocks and having a secure web~~
8 ~~page name.~~

1 12. (Original) A method as in claim 11, wherein the step (e) of distributing the
2 decryption keys to group members further comprises sending e-mail to members of the
3 selected group, informing said members of said secure web page name.

1 13. (Canceled) A method as in claim 11 wherein the encrypting step (ii) comprises
2 concatenating said building blocks with encryption keys.

1 14. (Currently Amended) A method as in claim 1, wherein the secure keys are ~~encrypted~~
2 encryption keys and the corresponding keys are decryption keys.

1 15. (Currently Amended) A method as in claim 14, wherein said encryption keys are
2 combined with one or more links, said links combined with ~~encrypted~~ encryption keys being
3 published as encrypted links.

1 16. (Canceled) A method as in claim 15, wherein a client browser automatically prompts
2 a user for a decryption key whenever an encrypted link is encountered, said browser
3 decrypting the encrypted link using the decryption key and, responsive to the decrypted
4 encryption key requesting a corresponding web page.

1 17. (Canceled) A method as in claim 16, wherein the file corresponding to an encrypted
2 link is encrypted.

1 18. (Canceled) A method as in claim 17, wherein said client browser automatically
2 decrypts the corresponding encrypted file using a locally stored private decryption key.

1 19. (Currently Amended) A method as in claim 5 11, said method further comprising the
2 step of:
3 f) changing secure page names for a selected group.

1 20. (Currently Amended) A method as in claim 19, wherein the step (f) of changing
2 secure page names comprises the steps of:
3 i) removing a secure key from said secure page name;
4 ii) attaching a new secure random suffix; and
5 iii) sending e-mail to members of said selected group, informing said members of
6 said name change.

1 21. (Currently Amended) A method as in claim 2 1, wherein the step (c) of generating
2 the ~~secure~~ random suffix comprises the steps of:
3 i) generating a plurality of random numbers; and
4 ii) mapping each of said plurality of random numbers to a corresponding
5 alphanumeric ~~number~~ character.

1 22. (Original) A method as in claim 21, wherein each of said random numbers is a
2 number between 0 and 61.

1 23. (Original) A method as in claim 22, wherein the mapped plurality of random numbers
2 generated is a decryption key, the method further comprising:
3 iii) deriving an encryption key from said generated decryption key.

1 24. (Currently Amended) A computer program product for selectively making
2 information available to selected groups ~~of parties~~ amongst a plurality of groups ~~parties~~, said
3 computer program product comprising a computer usable medium having computer readable
4 program code thereon, said computer readable program code comprising:

5 computer readable program code means for generating public keys;

6 computer readable program code means for publishing public keys;

7 computer readable program code means for generating secure keys that are random
8 suffixes;

9 computer readable program code means for combining said secure keys with said

10 public keys by concatenating said random suffixes with ones of said plurality
11 of public keys; and;

12 computer readable program code means for selectively distributing a key

13 corresponding to each ~~random~~ secure key to members of selected groups.

1 25. (Currently Amended) A computer program product as in claim 24, wherein the
2 combining means combines said secure keys with said public keys to form secure links in a
3 web page, and further comprising computer readable program code means for changing
4 secure page names including:

5 computer readable program code means for removing a secure key from said secure
6 page name;

7 computer readable program code means for attaching a new secure key; and

8 computer readable program code means for sending e-mail to members of said
9 selected groups, informing said members of said secure name change.

1 26. (Canceled) A computer program product as in claim 24, wherein the secure keys are
2 random suffixes and the combining means concatenates said random suffixes with ones of
3 said plurality of public keys.

1 27. (Original) A computer program product as in claim 24, wherein each said secure key
2 is distributed as its corresponding key and the key distribution means comprises:
3 computer readable program code means for sending each of said secure keys to
4 members of selected ones of said groups, members of at least one said group
5 not being sent at least one distributed key.

1 28. (Original) A computer program product as in claim 24, further comprising:
2 computer readable program code means for providing access to secure information
3 responsive to keys provided by group members.

1 29. (Currently Amended) A computer program product as in claim 28, wherein the
2 computer readable program code means for providing access to secure information further
3 comprises:
4 computer readable program code means for displaying secure information on a secure
5 web page, each web page containing secure information identified by one of
6 said ~~secure~~ random suffixes.

1 30. (Currently Amended) A computer program product as in claim 28, wherein the
2 computer readable program code means for combining the ~~secure~~ random suffixes with the
3 public keys comprises:

4 computer readable program code means for creating a plurality of building blocks;

5 computer readable program code means for attaching a secure key to each of said
6 plurality of building blocks to form secure building blocks; and

7 computer readable program code means for creating one or more secure web pages,
8 each secure web page including at least one ~~or more~~ secure building blocks
9 block and having a secure web page name.

1 31. (Original) A computer program product as in claim 30, wherein the computer
2 readable program code means for selectively distributing the secure keys comprises:

3 computer readable program code means for sending e-mail to group members and
4 informing said members of said secure web page name.

1 32. (Original) A computer program product as in claim 31, wherein the computer
2 readable program code means for generating secure keys generates encryption keys and the
3 distributed corresponding keys are decryption keys.

1 33. (Canceled) A computer program product as in claim 25, further comprising:
2 computer readable program code means for changing secure page.

1 34. (Canceled) A computer program product as in claim 33, wherein the computer
2 readable program code means for changing secure page names comprises:
3 computer readable program code means for removing a secure key from said secure
4 page name;
5 computer readable program code means for attaching a new secure key; and
6 computer readable program code means for sending e-mail to members of said
7 selected group, informing said members of said secure name change.

1 35. (Original) A computer program product as in claim 24, wherein the computer
2 readable program code means for generating random suffixes comprises:
3 computer readable program code means for generating a plurality of random numbers
4 between 0 and 61; and
5 computer readable program code means for mapping each of said plurality of random
6 numbers to a corresponding alphanumeric number.

1 36. (Original) A computer program product as in claim 35, wherein the mapped plurality
2 of random numbers generated is a decryption key, the computer readable program code
3 means for generating random suffixes further comprising:
4 computer readable program code means for deriving an encryption key from said
5 generated decryption key.